

IDDE – OUTFALL INSPECTION

1. PREPARATION

- a. Know the past and present weather conditions. Conduct inspections during dry weather periods.
- b. Identify each outfall with a consistent and unique identifier. For example “J1001”.
- c. Gather all necessary equipment including: personal protective equipment, tape measure, clear container, clipboard with Outfall Inspection Form, flashlight, and camera.
- d. Obtain maps showing outfall locations and identifiers.
- e. Obtain outfall description and observations from previous inspections, so the outfall can be accurately identified and observations compared.

2. PROCESS

- a. Perform an inspection of a minimum of 20% of all outfalls every year. Whenever possible, use the same personnel for consistency in observations.
- b. Use maps and previous inspection reports to confirm the outfall identity and location.
- c. If dry weather flow is present at the outfall, then document and evaluate the discharge by completing the following steps:
 - Collect a field sample for visual observation in a clean, clear container, and in a manner that avoids stirring up sediment that might distort the observation.
 - Complete the Outfall Inspection Form.
 - Compare observations to previous inspections.
 - If the flow does not appear to be an obvious illicit discharge (e.g., flow is clear, odorless, etc.), attempt to identify the source of the flow (groundwater, intermittent stream, irrigation, etc.)
 - Take photo of outfall and collected sample in container as needed.
- d. If an illicit discharge (such as raw sewage, petroleum products, paint, etc.) is encountered or suspected, follow the procedure of SOP IDDE – Tracing Illicit Discharge.
- e. Input information into Cityworks database.

3. ACTIONS

- a. Follow procedures identified in the following SOPs as needed:
 - SOP IDDE – Tracing Illicit Discharge

- SOP IDDE – Removing Illicit Discharge

4. DOCUMENTATION

- a. Inspector will document outfall inspection in Cityworks database.

OUTFALL INSPECTION FORM

Outfall ID:	_____	Location:	_____	Date:	_____
Description:	Outfall Type:	Pipe Type:	Pipe Material:	Pipe Size:	_____
Receiving Waterbody:		Major Watershed:		Photos Taken	

Weather

Outside Temp: _____ F°	Precipitation (last 24 hours): _____ in.
Cloud	
Conditions:	_____

Outfall Condition Assessment

Outfall	
Damage:	If yes, identify type _____
Visible Erosion:	If yes, identify type _____

Physical Discharge Information

Flow Depth: _____	Detectable	If Yes
	Odor:	Identify: _____
Water Color:	Color:	_____
Turbidity: _____	Floatables	
	Visible:	_____

Discharge Analysis (if applicable)

Specific	Water			
Conductivity	uS/cm	Temp:	F°/C°	pH: pH

Comments

--

Inspected By: _____